P R I M A R E

DVD26 DVD AND CD PLAYER

PREFACE

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Issue: DVD26

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EEC: This product has been designed and type-tested to comply with the limits set out in EN55013 and EN55020.

This guide was produced by Condesign Ljungby AB.
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200443

CONTENTS

INTRODUCTION

Welcome to the DVD26 DVD and CD Player 1
Technical specification 2

HOW TO GET STARTED

Power connection 3
Back panel connections 3
Switching on and off 3
Front panel- and basic playback controls 4
Playing a disc 5
Locating a position on the disc 5

COMPATIBILE DISCS AND DVD-V REGIONS

Disc compatibility 7
DVD-V Regions 7

ADVANCED FEATURES

How to use the remote control 10
Switching camera angles 10
Switching subtitles 10
Switching audio language 10
Making a program list 10
Using repeat play 11
Displaying disc information 11
Using the Setup Menu 13

SETTINGS IN THE setup MENU

Audio set up 13
Video setup 14
Language 16
General 17
Progressive mode 19

PLAYING MP3's

MP3 compatibility information 21
Using the Smart Navigator for MP3's 22
Displaying MP3 information 22
Making a program list of MP3 tracks 23

PLAYING JPEG's

JPEG compatibility information 25
Using the Smart Navigator for JPEG's 26
Displaying JEPG information 26
Displaying a 9-picture overview 26
Zoom 26
Rotating 26
Mirror 26
Making a program list of JPEG-files 27

INTRODUCTION

Welcome to the Primare DVD26 DVD and CD Player! This chapter introduces you to its key features, and explains how you can take advantage of its configurability to create a system perfectly suited to your requirements.

Welcome to the DVD26 DVD and CD Player

The DVD26 is endowed with the very latest video and audio processing technology to deliver the best performance from any disc that you choose. Its universal capabilities will ensure ultimate convenience and ease of use.

Video Performance Features

The DVD26's twin-wave laser pickup for CD and Video allows you to play CD/CD-R/CD-RW/MP3/ JPEG and DVD-V/DVD-R discs for true multi-media compatibility.

Audio Performance Features

Through the use of a Burr-Brown PCM1738 Audio Dac, and our own cicuitry solution, the now so well known Primare sound has been assured once again.

The clear, undistorted (0.009% at 1kHz) sound is the first one notices and one of the features that makes this player so unique.

Flexible outputs

The DVD 26 provides a wide range of video and audio outputs to embrace numerous system-building options.

Video outputs

- **2 Component**
- **1 VGA**
- **1 S-video**
- **1 Composite**
- **1 Scart**

Audio outputs

- **1 2-ch analog RCA**
- **1 Digital coax**
- **1 Digital TOSlink**

Mulitmedia inputs

To allow the DVD26 to perform in specialised automated multi-room applications, it is equipped with RS232 control capability, and offers data and IR inputs.

Easy navigation

The DVD26 is easy to use. All the parameters are adjusted using simple but comprehensive On Screen Display menus.

Technical specification

Video Performance Features	**Video Dac: Analog devices ADV7300A**
	108MHz/12bit
	DVS Ultra Silent
	Twin-Wave Laser Pickup for CD/Video CD/CD-R/ CD-RW/DVD-R/RW (DVD Video Format)
	Slow Motion Playback (Except VCD Reverse)
	JPEG Playback
Audio Performance Features	**Audio Dac: Burr-Brown PCM1738**
	24bit/192kHz
	MP3 Playback Capability
	THD + Noise, 0.009% at 1 kHz
	Dynamic range, 100dB
	Signal-to-noise Ratio, 100dB
	Channel separation, 100 dB
	Output Level, 2.0V
	Dolby® Digital and dts® Digital Outputs
	Dolby® Digital and dts® Downmixing -> 2-ch
Convenience Features	**Resume Function (DVD)**
	Repeat Mode
	Program Play (CD's only)

Output Terminals Video	**Component Video (Y, Cr, Cb) Output x 1 (Gold Plated), interlaced**
	Component Video (Y, Cr, Cb) Output x 1 (Gold Plated), progressive
	S-Video x 1 (Gold Plated)
	Composite Video Output x 1 (Gold Plated)
	21-pin Scart x 1, RGB compatible
	VGA x 1, progressive
Output Terminals Audio	**Dolby® Digital/dts®/LPCM Coaxial Output x 1**
	Dolby® Digital/dts®/LPCM Optical Output x 1
	Analog Output x 1 (2 x RCA) (Gold Plated)
Output Terminals Others	**IR input, 3,5 mm**
	Data input,
	RS232 input
Construction	**2mm Heavy Duty chassis.**
Power Consumption	**Operating: 35 W, Standby: 10 W**
Dimensions (WxHxD)	**430 x 100 x 380 mm**
Weight	**10,5 kg**

HOW TO GET STARTED

This chapter provides a quick overview of how to connect the DVD26 player and how to start playing discs. More detailed explanations of all the various functions are explained in the following chapters.

Power connection

WARNING: Before connecting power check that the required supply voltage, indicated on the back panel, corresponds to your local AC supply. If a different voltage is stated on the type plate do not connect the DVD26 to the mains power, and seek advice from your dealer.

Connect the mains power using the enclosed mains cable.

NOTE: Always disconnect the DVD26 and all other units in the system from the mains power before connecting or disconnecting any of the cables. Failure to do this might seriously damage the unit.

Switching on and off

To switch on

- Use the main switch on the back panel.(F).

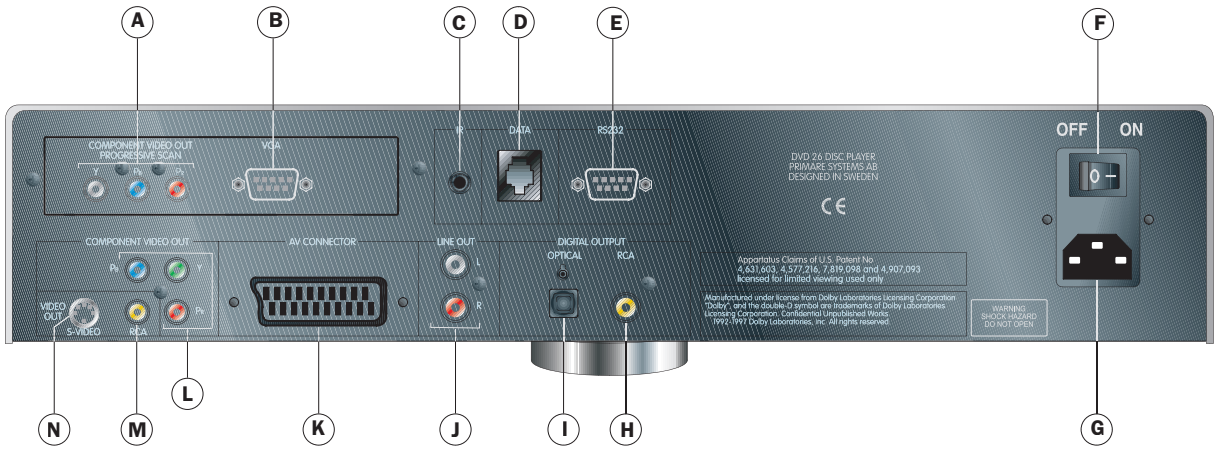
During normal operation you can leave the DVD26 switched on and in standby mode.

To switch on from standby or to standby

- Pressing ⏻ on the front panel or on the remote control, will change the standby mode.

When not used for more than 60 min, the DVD 26 automatically switches to standby mode.

Back panel connections



A. Component video output, progressive

B. VGA Video output, progressive

C. External IR/input

D. Data Port

E. RS232 port

F. Mains switch

G. Main power input and fuse

H. Digital SPDIF output

I. Digital TOSlink output

J. Analog RCA outputs

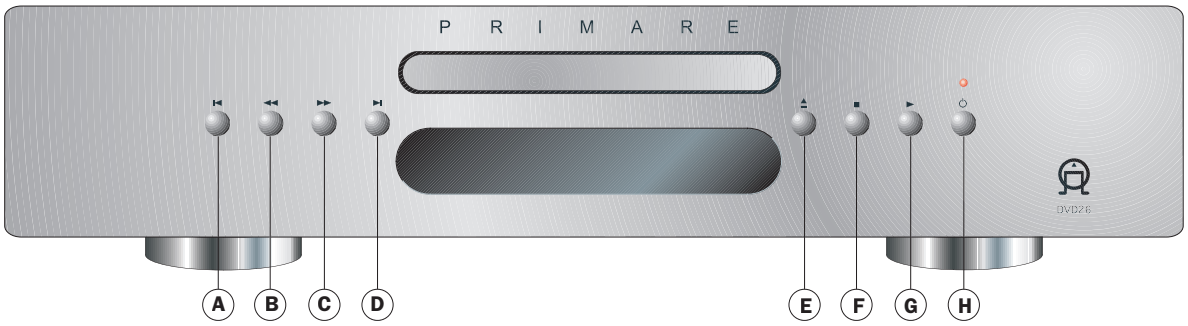
K. Scart

L. Component Video output, interlaced

M. Composite output

N. S-video output

Front panel- and basic playback controls



A	⏮	**Skips to the start of the current track or chapter, then to previous tracks/chapters.**
B	◀◀	**Press once to start reverse scannning. Press again to increase the scan speed. (CD, DVD and Video CD have four scan speeds). Press ▶ to resume normal playback.**
C	▶▶	**Press once to start forward scannning. Press again to increase the scan speed (CD, DVD and Video CD have four scan speeds). Press ▶ to resume normal playback.**
D	⏭	**Skips to the next track or chapter.**
E	⏏	**Opens/ and closes the disc tray.**
F	■	**Stops playback.**
G	▶	**Starts playback. DVD and Video CD: if the OSD shows "Press play to continue", playback starts from the resume point.**
H	⏻	**Changes the standby mode.**

Front panel display

The front panel display shows what's in progress:

Safety instructions

To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No objects filled with liquids, such as vases, should be placed on the DVD26.

If you want to build in the DVD26 you need to be sure to allow space of at least 20 cm behind, 10 cm on both sides and 30 cm above the top panel of the unit. This is to prevent fire or damage caused by overheating. Also make sure that the main switch is accessable.

Playing a disc

To insert a disc

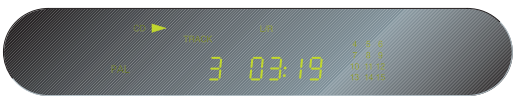
- Hold down the ⏏ button on the front panel, or the ■/⏏ button on the remote control, to open the tray.
- Place the CD in the tray with the label facing upwards.
- Press the ⏏ button on the front panel or the ■/⏏ button on the remote control to close the tray.

The front panel display shows the total number of tracks on the disc, the total duration of the disc, and the tracklist.

To play a disc

- Press the ►button on the front panel, or the ►/II button on the remote control.
- Alternatively press one of the buttons 1-9 and, if required, **+10** on the remote control to start playing a specific track.

For example: To play track 16; press the **+10** button followed by the **6** button. To play track 22; press the **+10** button twice, followed by the **2** button.



While a disc is playing the front panel display shows the current track number and the elapsed time of the current track. The track number is flashing in the tracking list.

To stop play

- Press the ■ button on the front panel or the ■/⏏ button on the remote control.

To pause a CD

- Press the ► button on the front panel or the ►/II button on the remote control.

The ► symbol will disappear from the display but the track number in the tracklist will still be flashing

You can then resume play by pressing the ► button on the front panel or the ►/II button on the remote control.

Locating a position on the disc

You can step between tracks to locate a particular track on the disc, or you can scan forwards or backwards to locate a position within a track.

To step between tracks

- Press the ⏮ or ⏭ buttons on the front panel or the remote control.

The front panel display shows the number of the track as you step.

To scan through the disc

- Press once the ◄◄ button to reverse scanning or the ►► button to start forward scanning. You can use the button on the front panel or the remote control

You can increase the scanning by pressing the ◄◄ button (reverse) or the ►► button (forward) again. DVD, CD and Video CD have four scan speeds.

As you scan the disc, the front panel display shows the current track and the and position within the track.

Release the button to start playing from the position you have located.

COMPATIBILE DISCS AND DVD-V REGIONS

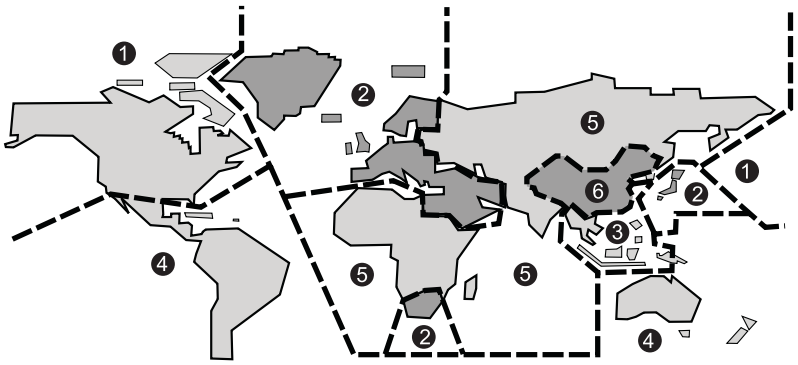
This chapter informs about the disc formats that are compatible with the DVD26 player. An overview of DVD-V regions is also included.

Disc compatibility

DVD-V
DVD-R
Audio CD
CD-RW/R
Video CD
SVCD
MP3
DVD+R
JPEG

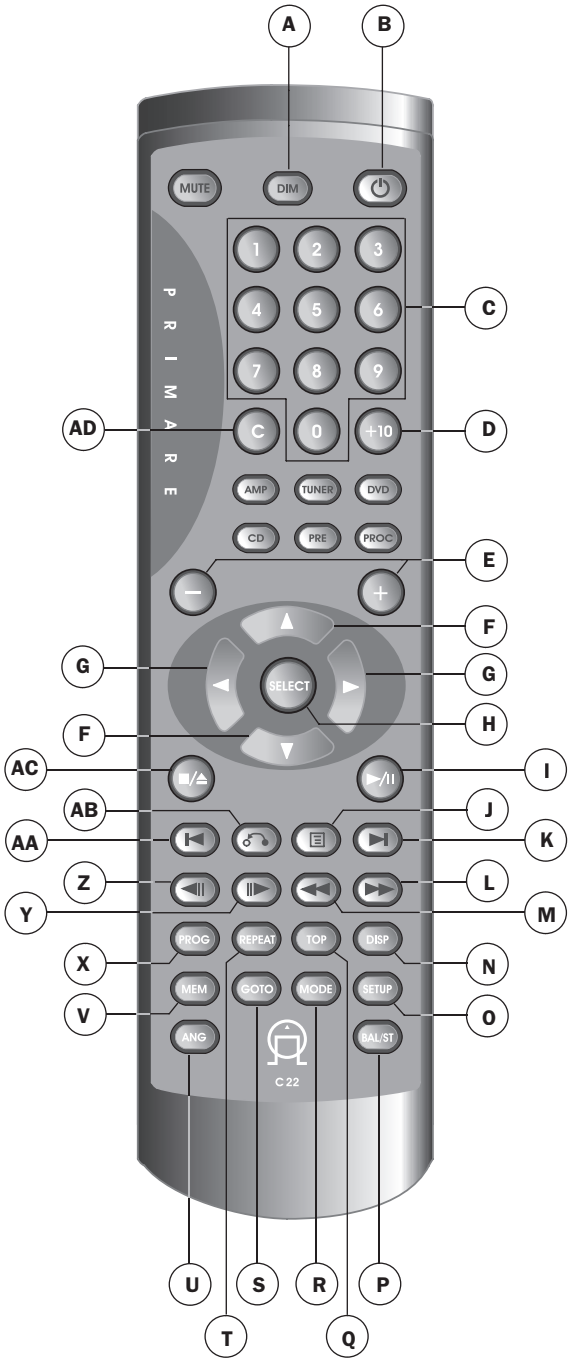
DVD-V Regions

The map shown below indicates DVD-V region codes for all areas of the world. All DVD-Vs are marked with a region code, which is often located on the disc packaging. The DVD26 's rear panel is also marked with a region code. The DVD26 is compatible with discs marked with this same region code or with the ALL region code. The DVD26 is not compatible with discs marked with other region codes.



ADVANCED FEATURES

This chapter explains the function buttons of the remote control which are needed to give you acces to the advanced features of the DVD26 player.



How to use the remote control

A Dims the front panel display

B Switches the selected unit to standby or to operate

C Selects a specific track

D Selects a numbered menu option 10 and over. (For example, for 24, press +10, +10 and 4.)

E Changes the volume of the last used option: PROC, PRE, or AMP.

F Moves the cursor up/down to highlight the requested option

G Goes back-/ forward to the last/next issue

H Selects the highlighted option

I Starts playing a disc. When pressed during play, the disc is paused

J Shows the DVD menu on screen

K Skips to the next track or chapter

L Scans forward. Press once to scan forward. Press again to increase the scan speed. Press ”I” to resume normal playback.

M Scans reverse. Press again to increase the scan speed. Press ”I” to resume normal playback.

N Displays disc information

O Shows the setup menu on screen

P Changes subtitle

Q Takes you to the very beginning of the disc. Used during replay will interrupt resume mode.

R Switches audio language

S Browse to specific parts of a disc

T Uses repeat play

U Switches camera angle

V Note used

X Makes a program list

Y Slow motion forward

Z Slow motion reverse

AA Skips to the start of the current track or chapter, then to previous track/chapters

AB Returns to the previous step in the menu

AC A short press stops the playback
A long press opens/closes the disc tray

AD Deletes the selected option

Switching camera angles

DVD

Some DVD Video discs feature scenes shot from two or more angles- check the disc box for details: it should be marked with an icon if it contains multi-angle scenes.

- To switch the camera angle, press ANG. If the disc was paused, playback starts again with the new angle.
- To hide the TV angle indicator, choose Angle Indicator -> Off from the Video set-up menu (see page 14).

Switching subtitles

DVD

Many DVD Video discs have subtitles in one or more languages- the disc box will usually tell you which subtitle languages are available. You can switch subtitle language anytime during playback.

- To display/switch the subtitle language, press BAL/ST repeatedly.
  The current subtitle language is shown on-screen.
- To switch off subtitles, press BAL/ST until OFF appears on-screen.
- To set subtitle preferences, see page 16.

Switching audio language

DVD-Video

When playing a DVD Video disc recorded with dialog in two or more languages, you can switch audio language anytime during playback.

- To display/switch the audio language, press MODE repeatedly.
  The current audio language is shown on-screen.
- To set audio language preferences, see page 16.

Making a program list

Video CD - CD

This feature lets you program the play order of titles/ groups/chapters/tracks on a disc. You make a programlist using the numeric buttons on the remote control.

- Insert the disc. If the disc starts playing, stop it by pressing the ■ button on the front panel or the ■/≜ button on the remote control.
- Press the PROG button on the remote control.

The front panel shows PROGRAM.

- Select titles by means of buttons 1-9 and +10.

As you select tracks the front panel display shows the number of the track you are programming, the number of the step in the program and the duration of the track.

A selected track numbered higher than 15 will be indicated by a flashing 15+ symbol on the front panel display

The track number also flashes in the track list on the right-hand side of the display.

- Press SELECT and start replay.

The tracks are played in the same order as they are selected.The currently played track always flashes in the tracklist on the front panel display.

To exit your program list press ■/≜. Then press PROG twice.

Note! It is not possible to create program lists for DVDs.

Using repeat play

DVD - Video CD - CD - Photo CD

You can set the player to repeat individual tracks on CDs or Video CDs, chapters/tracks or titles/group on DVD discs, or the whole disc.

You can use the repeat together with the programming mode to repeat the tracks/chapters in the program list.

Displaying disc information

DVD - Video CD - CD

Various track, chapter and title information, as well as the video transmission rate for DVD discs, can be displayed on-screen while a disc is playing.

The information varies depending on type of disc (DVD, Video CD, CD).

- To show/switch the information displayed, press DISP. When a disc is playing, the information appears at the top of the screen. Keep pressing DISP to change the displayed information.

Note! Features not supported by the DVD26 Player are displayed as ✋ on the OSD.

SETTINGS IN THE SETUP MENU

This chapter explains the necessary basic settings of the DVD26 player in the setup menu.

Using the Setup Menu

Before playing any discs, we strongly recommend using the Setup Menu. Here you make all DVD-player setting required for your benefit.

- Press the ⏻ button to switch on.

Also turn on your TV and make sure that it is set to the correct video input.

  – The ⏻ button switches the player between standby and on.

  – If a disc that's already loaded starts to play, press ■ twice to stop it. This will give you access to all settings.

- Press SETUP.

The Setup menu on-screen display (OSD) appears:

Navigate all of the following OSDs using these controls:

Selection	Option
Pressing the ▲ or ▼ buttons	**cursor up/down**
SELECT	**select the highlighted menu option**
The ◀ button	**go back to the previous issue.**
The ▶ button	**go forward to the next issue.**

The control possibilities for the current OSD are shown at the bottom of each screen.

If an option is grayed out it means that it cannot be changed at the current time. This is usually because a disc is playing. Stop the disc, then change the setting. The current setting for any option is marked with a highlighted box.

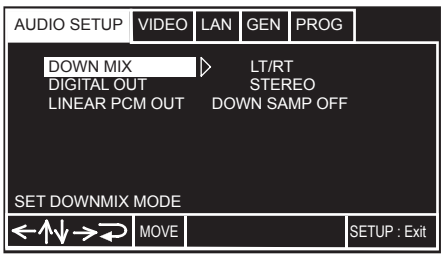
Audio set up

Here you make all settings required for your audio system.

Downmix

- Set the downmix mode to LT/RT or STEREO.

LT/RT	**According to Dolby Laboratories standard.**
Stereo	**Pure 2-channel without any concern to Dolby Laboratories standard**



Digital out

- Default setting: ON

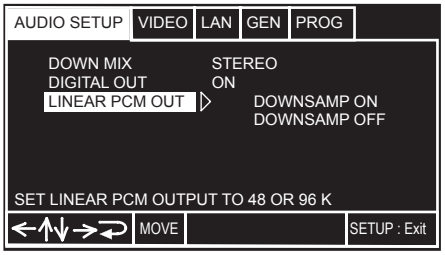
If at any time you need to switch off the digital audio output, set this to OFF, otherwise leave it ON.Note that you cannot switch on/off the optical and coaxial otputs individually.

Linear PCM out

- Default setting: DOWNSAMP ON

  You only need to make this setting if you connected the player to another component (AV amplifier, etc.) using one of the digital outputs.

- If your AV amplifier (or other connected component) is compatible with high sampling rates (96 kHz), set this to 'Down Sample Off', otherwise set it to 'Down Sample On' (96 kHz audio is converted to a more compatible 48 kHz). Check the manual that came with the other component if you're unsure whether it is 96 kHz compatible.



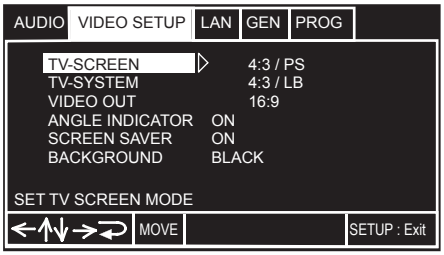
Video setup

TV Screen

- Default setting: 4:3/LB

If you have a widescreen TV, select the '16:9' setting widescreen DVD software is then shown using the full screen area. When playing software recorded in conventional (4:3) format, the settings on your TV will determine how the material is presented—see the manual that came with your TV for details on what options are available.

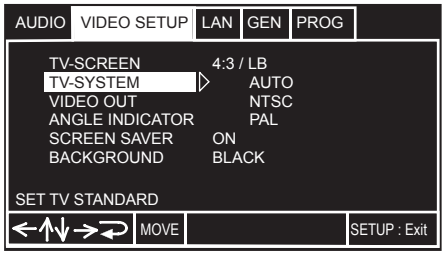
If you have a conventional TV, choose either '4:3 (Letter Box)' or '4:3 (Pan & Scan)'. In Letter Box mode, widescreen software is shown with black bars at the top and bottom of the screen. Pan & Scan chops the sides off widescreen material to make it fit the 4:3 screen (so even though the picture looks larger on the screen, you're actually seeing less of the movie).



Set TV standard

- Default setting: AUTO

Unless you notice that the picture is distorted when playing some discs, the setting should remain. If you experience picture distortion with some discs, set the TV system to match your country or region's system.



About PAL

Most models of the newly developed countdown PAL TV system detect 50 Hz (PAL)/60 Hz (NTSC) and automatically switch vertical amplitude, resulting in a display without vertical shrinkage.

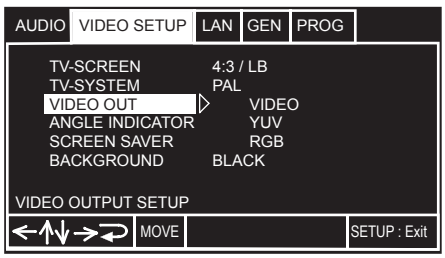
If your PAL TV does not have a V-Hold control, you may not be able to view NTSC disc because the picture may roll. If the TV has a V-Hold control, adjust it until the picture stops rolling. On some TVs, the picture may shrink vertically, leaving black bands at the top and bottom of the screen.This is not a malfunction; it is caused by the NTSC -> PAL conversion.

Video out

- Default setting: VIDEO

If you make a setting here that is incompatible with your TV, the TV may not display any picture at all. If this happens either switch everything off and reconnect to the TV using either a composite video cable, or an S-Video cable, or reset the unit.

Option	Description
Video	**Compatible with all TVs, but lowest quality of the three AV settings.**
YUV	**Almost the same quality as RGB, but can give better results. For use with the 21-pin SCART and Component Video out. (See pos. K and L in illustr. page 3)**
RGB	**If your TV is compatible, this setting gives the best picture quality.** **For use with the 21-pin SCART and Component Video out. (See pos. K and L in illustr. page 3)**

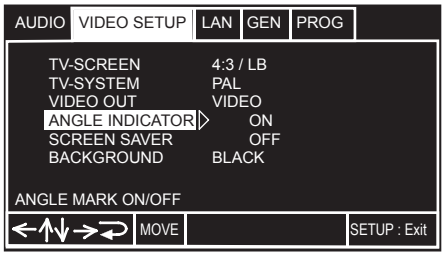


Angle Indicator

- Default setting: ON

Activates and deactivates the indicator. When set to On, the indicator appears on the front panel display when playback of a scene recorded from multiple camera angles is in progress.

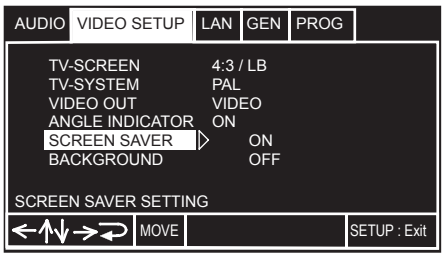
If you prefer not to see the camera icon on-screen during multiangle scenes on DVD discs, change this setting to 'Off'.



Screen Saver

- Default setting: ON

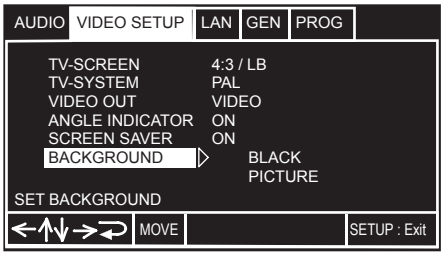
If a constant image is displayed on a conventional CRT-type TV, it can "burn in" leaving a ghost image on the screen. Switch to 'On' to make sure that a constant image is not displayed for a dangerously long time.



Background

- Default setting: PICTURE

Determines the background of the setup menu screens when resume or stop mode is activated. The video output signal appears behind the setup menu screens when playback or pause mode is activated.



Language

Audio language

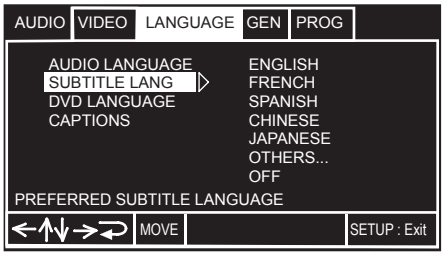
- Default setting: ENGLISH

This setting is your preferred audio language for DVD discs. If the language you specify here is recorded on a disc, the system automatically plays the disc in that language

Subtitle language

- Default setting: OFF

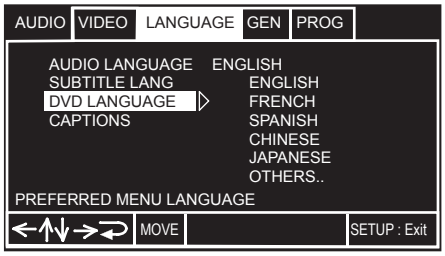
This setting is your preferred subtitle language for DVD discs. If the language you specify here is recorded on a disc, the system automatically plays the disc with those subtitles.



DVD language

- Default setting: ENGLISH

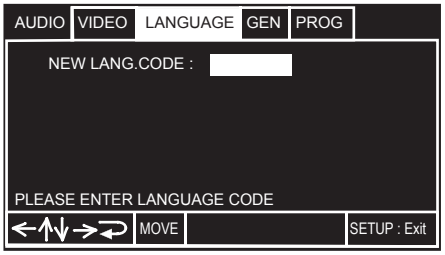
Some multilingual discs have disc menus in several languages. This setting specifies in which language the disc menus should appear. Leave on the default setting for menus to appear in the same language as your Subtitle Language.



Other language

If the desired language is not presented in the lists, you can select: OTHER.

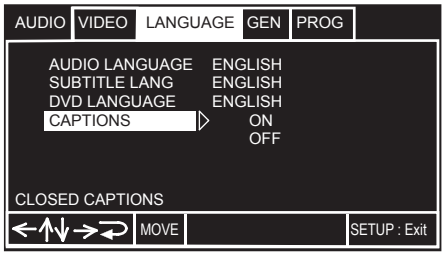
Use the number buttons to enter your Country Code and press SELECT.



Captions

- Default setting: OFF

Captioning is primarily intended for those who are unable or have great difficulties to hear the spoken word, but is also helpful for those who may not be fluent in the language in which the audio is being presented.

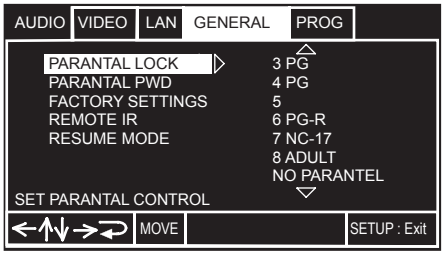


General

Parantel lock

- Default level: NO PARENTAL
- Default password: 3308

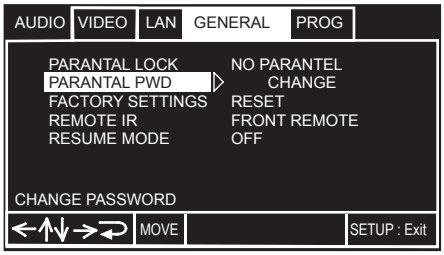
Some DVD Video discs feature a 'Parental Lock' level. If your player is set to a lower level than the disc, it will require you to enter a password before the disc will play. This gives you some control about what your children watch on your DVD player. Before you can set the 'Parental Lock' level you must register a password. As the password owner, you can change the 'Parental Lock' level or 'Country Code' whenever you like. You can also change the password.



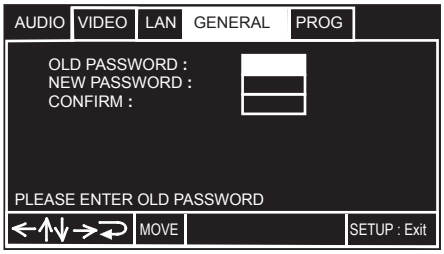
Registering a new password

Yuo must register a password before you can change the Parantal lock level.

- Select CHANGE.



- Use the number buttons to enter a 4-digit password. It's also possible to use the cursor buttonsto set the password (up and down to set the number; left and right to change the cursor position).
- Press SELECT to register the password.



Note! The password stays with operation 'Factory reset'.

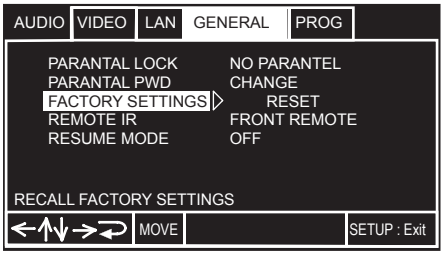
Changing your password

To change your password, confirm your existing password then enter a new one.

- Select 'Password Change'.
- Use the number buttons to enter your existing password.
  - The numbers appear as asterisks as you enter them.
  - It's also possible to use the cursor bottons to set the password (up and down to set the number; left and right to change the cursor position).
- Press SELECT.
- Enter a new password.
- Press SELECT.

Factory settings

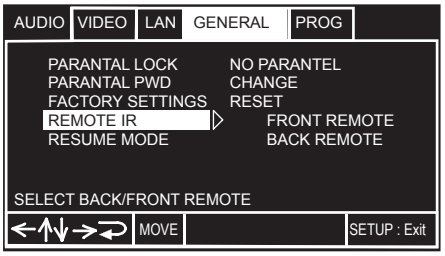
All setups you have made will be zeroed.



Remote IR

The DVD26 is controlled by an infra/red remote controll pointed at the front panel.

The DVD26 can also be controlled using the IR/input at the back panel.



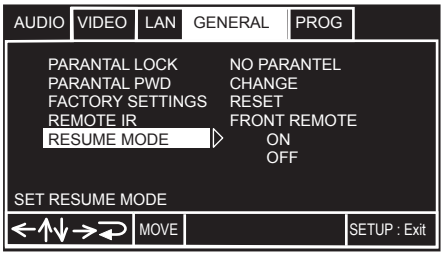
For security reasons this setting disappears every time the DVD26 player is switched off using the main switch. You have to go back to the setup menu to reactivate it.

Resume mode

If Resume Mode is set to 'On' the track position of the DVD-player is memorized when the DVD player is stopped.

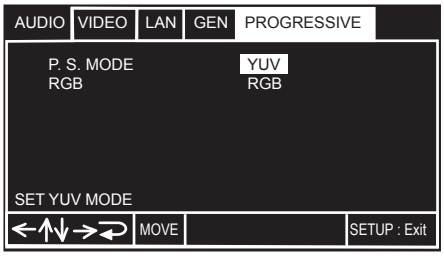
- Restart playing and the player starts from the memorized position.

If Resume Mode is set to 'Off' the DVD-player will start from track 1.



Progressive mode

- Default setting: RGB
- Select RGB if you want to use RGB Video format.
- Select YUV if you want to use Component Video format.



PLAYING MP3'S

This chapter explains how to play MP3 -files on CD-Rom discs.

MP3 compatibility information

- The CD-ROM must be ISO 9660 compatible.
- Mono or stereo MPEG-1 Audio Layer 3 format, 44.1 or 48kHz, fixed bit-rate. Incompatible files will not play and a questionmark will be displayed.
- Not compatible with variable bit-rate (VBR) files.
- This player only plays tracks that are named with the file extension ".mp3" or ".MP3".
- This player is not compatible with multi-session discs. If you try and play a multi-session disc, only the first session will be played.
- Use CD-R or CD-RW media for recording your MP3 files. The disc must be finalized in order to play.
- Audio encoded at 128Kbps should sound close to regular audio CD quality. Although this player will play lower bit-rate MP3 tracks, the sound quality becomes noticeably worse at lower bit-rates.
- Only the first 11 characters of folder and track names (excluding the ".mp3" extension) are displayed.
- This player can recognize a maximum of 250 folders and 250 tracks. Discs containing more than 250 folders or tracks will play, but only the first 250 folders/tracks.

Caution!

- DVD-R/RW and CD-R/RW discs recorded using a personal computer or a DVD or CD recorder may not play if the disc is damaged or dirty, or if there is dirt or condensation on the player's lens.
- If you record a disc using a personal computer, even if it is recorded in a compatible format, there are cases in which it may not play because of the settings of the application software used to create the disc. (Check with the software publisher for more detailed information.)
- Unfinalized DVD-R/RW discs cannot be played.
- Unfinalized CD-R/RW discs can be played, but not all time information (playing time, etc.) will be displayed.

Using the Smart Navigator for MP3's

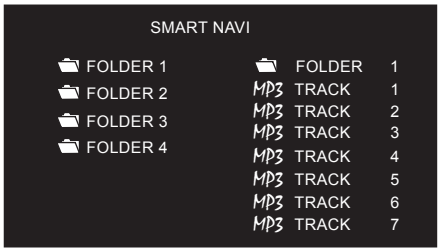
Use the Smart Navigator to make searching for the track(s) you want to play easier. You can also use it to add or clear tracks from the program list.

- Load a CD-ROM containing MP3 tracks.

The Smart Navigator screen is displayed.

– The left side of the screen shows a list of folders containing MP3 tracks.

– On the right side is a list of MP3 tracks from the first folder in the list.



Navigate using the following controls:

The ◀ or ▶ buttons	**Select folder and tracks from the current screen.**
The ▲ or ▼ buttons	**Select the previous/next of folders and tracks.**
The ☰ button	**Play a 10-second intro of each track.**
SELECT	**Play the currently selected folder or track.**
PROGRAM	**Add the currently selected track to the program list.**
REPEAT	**Repeat the current track or repeat all tracks in the selected folder.**

The Smart Navigator remains on-screen during playback and displays the current folder and track.

Displaying MP3 information

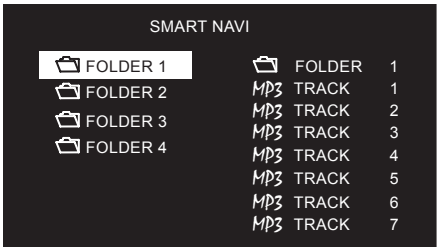
- Press DISP repeatedly during playback to display various MP3 information on-screen.

There are three information screens:

- Elapsed playing time
- Remaining playing time
- Off.

Properties

- Stop the disk by pressing the ■ button on the front panel or the ►/II on the remote control.
- Select a track in the Smart Navigator list and press DISP.



The following properties of the MP3-track are displayed on-screen:

- List position and name
- File size
- Bitrate
- Sampling frequence
- Audio mode
- Total playing time.

You can select a folder in the same way. The properties displayed are

- Folder name
- All filenames within the selected folder

Making a program list of MP3 tracks

- Press PROG.
- Use the number buttons or the ◄▲▼► buttons to select a folder or track.
- Press SELECT to add the track to your program list. You can only build a program list within one folder.

When your program list is completed, press ■, then press ► to replay. The program list is displayed on the front panel display.

- Press 'C' to correct wrong choices.
- Press ■, then press PROG twice to exit.

PLAYING JPEG'S

This chapter explains how to play JPEG-files on CD-Rom discs.

JPEG compatibility information

- The CD-ROM must be ISO 9660 compatible.
- This player only plays tracks that are named with the file extension ".jpg" or ".JPG".
- This player is not compatible with multi-session discs. If you try and play a multi-session disc, only the first session will be played.
- Use CD-R or CD-RW media for recording your JPEG-files. The disc must be finalized in order to play.
- This player can recognize a maximum of 250 folders and 250 tracks. Discs containing more than 250 folders or tracks will play, but only the first 250 folders/tracks.

Caution!

- DVD-R/RW and CD-R/RW discs recorded using a personal computer or a DVD or CD recorder may not play if the disc is damaged or dirty, or if there is dirt or condensation on the player's lens.
- If you record a disc using a personal computer, even if it is recorded in a compatible format, there are cases in which it may not play because of the settings of the application software used to create the disc. (Check with the software publisher for more detailed information.)
- Unfinalized DVD-R/RW discs cannot be played.
- Unfinalized CD-R/RW discs can be played, but not all time information (playing time, etc.) will be displayed.

Using the Smart Navigator for JPEG's

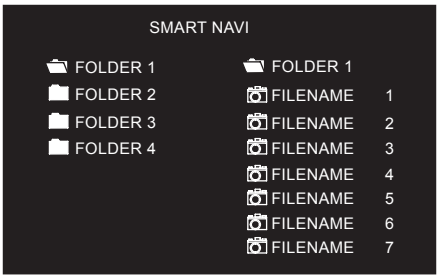
Use the Smart Navigator to make searching for the track(s) you want to play easier. You can also use it to add or clear tracks from the program list.

- Load a CD-ROM containing JPEG-files.

The Smart Navigator screen is displayed.

– The left side of the screen shows a list of folders containing JPEG-files.

– On the right side is a list of JPEG-files from the first folder in the list.



Navigate using the following controls:

The ◀ or ▶ buttons	**Select folder and tracks from the current screen.**
The ▲ or ▼ buttons	**Select the previous/next of folders and tracks.**
SELECT	**Play the currently selected folder or track.**
PROGRAM	**Add the currently selected track to the program list.**
TOP	**Takes you back to the beginning of the list**

Displaying JEPG information

- Press DISP when stepping through the track list to display JPEG information on-screen.

  The properties of the JPEG is displayed:

  - File name
  - File size
  - Picture mode
  - Resolution (W×H)
  - Maker:
  - Camera model

Displaying a 9-picture overview

- Press ▤ to switch from the Smart Navigator to a 9-picture overview on-screen.

Zoom

- Press ANG on the remote control. 'Zoom on' is displayed on-screen.
- Press ▶▶ to zoom in from 100 to 200%.
- Press ◀◀ to zoom out from 100 to 25%.

Panning

- Press the ▲▼◀▶ buttons to move the picture into the desired position.
- Press ANG to switch off zooming.

Rotating

- Press ▶ to rotate the picure to the right.
- Press ◀ to rotate the picture to the left.

Mirror

- Press ▲ to mirror the picture horizontally.
- Press ▼ to mirror the picture vertically.

Making a program list of JPEG-files

- Press ■ to stop the disk.
- Press PROG.
- Use the number buttons or the ◄▲▼► buttons to select a folder or track.
- Press SELECT to add the track to your program list. You can only build a program list within one folder.

When your program list is completed, press ■, then press ► to replay. The program list is displayed on the front panel display.

- Press 'C' to correct wrong choices.
- Press ■, then press PROG twice to exit.